



# **Project Manager's Report**

Colin Whyte

# MICE de-commissioning

- Started collecting information on equipment to be returned to owners
- Position survey now complete
- Magnet mapping 19<sup>th</sup> March
- MICE likely to lose R9 end March much progress made.
  - Storage in MICE Hall
  - FC moved to MICE hall.
  - Didcot store empty

# Post Run Survey

## – Magnet positions

- Superconducting
  - SSU, FC, SSD
- Conventional
  - Q 7,8,9 Q 4,5,6 Q 1,2,3

- Diffuser – to complete in Tracker lab

## – Detectors

- ToF
  - ToF 0, 1 & 2
- KL
- Cherenkov
- EMR

## – Trackers

- ‘Frames’
- Hall probes – in Tracker lab

## Key

- Before SYNC closes – done
- Before DSA closes – done
- Completed.
- Week starting 19<sup>th</sup> February
- Complete mid-February



January			January				February							
			Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon
			08/01/2018	15/01/2018	22/01/2018	29/01/2018	05/02/2018	12/02/2018	19/02/2018	26/02/2018	05/03/2018	12/03/2018	19/03/2018	26/03/2018
CM50										CM50				
Survey	Magnets	SSU			DSA/Sync Complete	Survey complete								
Decision on data							Decision							
Magnet Mapping		EMR/KL/ToF2 move back to beamstop												
		Survey TKD in place												
		Extract TKD and survey hall probes												
		Survey TKU in place												
		Extract TKU and survey hall probes												
		Install mapper and map SSD												
		Install mapper and map SSU												
De-commissioning	PPS	week 8 <sup>th</sup> Jan	PPS checks	Complete										
	Magnets and cryogenics	SSU&D												
		FC												
		DS												
	Detectors	ToF								Detector Owners - MICE Hall				
		EMR												
		Cherenkov												
		Trackers												
		KL												
	Gases	Nitrogen												
	Electrical power	Supercon magnets												
		Rack room												
	Water and Cooling													
	Air-Con													
	Vacuum	Tracker cryo												
		interspace												
		SSU												
		SSD												
		FC												
Didcot		Clear - ship / Hall												
Daresbury		Tidy and ship												
Computing		Move.												

# De-commissioning plan



Science & Technology  
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# De-commissioning Plan

- FC: switched off- prep to move off-line
- Tracker cryo and vacuum: switched off ready to move to tracker lab.
- Removed diffuser – survey in tracker lab and send to Oxford Workshop.
- Survey and extract trackers
  - Trackers extracted – loose hall probe.
  - Trackers move to tracker lab for hall probe survey
- Remove tracker butterflies
- Removed PRY endplates

# Magnet map in PRY

## Magnet mapping group from CERN

- Week of March 19th.
- Melissa has Hall probes at RAL – send 1 to CERN.
- Equipment at CERN available, complete and operational
- Testing in progress now.

## Plan in place

- Timetable looks OK
- Personnel booked and available including T Millington
- Requires SS QPS re-start and test – A Bross CM50?
- J Boehm available to run magnets.
- Requires DC for oversight.
- Magnet braces. SSU to SSD. J Tarrant.



# Equipment

- Equipment maintained in Hall until June.
- CM50 - excellent opportunity to review equipment status.
- ISIS will retain beamline to beam-stop
  - Disassemble and scrap SS magnets?
  - Scrap PRY?
  - Requires resource.
  - Beamline remains in place.
  - Target skill transfer to ISIS - in progress.

